

ABSTRACT OF THE DISCLOSURE (mark-up)

In order to prevent degradation of accuracy and decrease of strength when a hydrodynamic bearing device is assembled and to reduce a cost of the hydrodynamic bearing device, a guide face ~~2e~~ serving as a guide when a disc hub ~~3~~ is press fitted into a shaft member ~~2~~ is formed on the shaft member ~~2~~. Then, the guide face ~~2e~~, an outer circumferential surface ~~2a3~~ of the shaft member ~~2~~ adjacent to the guide face ~~2e~~, and a boundary portion between the guide face ~~2e~~ and the outer circumferential surface ~~2a3~~ are ground simultaneously, thereby forming a blunting portion ~~2d~~ having a radius r in the boundary portion. Thus, no edge remains between the guide face ~~2e~~ and the outer circumferential surface ~~2a3~~. Therefore, press-fitting resistance when the disc hub is press fitted to an end of the shaft member ~~2~~ can be reduced.